



XMSF "Deep Dive" Developers Days

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Motivation

- Sufficient mastery in Web Services exists that we want to share exemplars with developer community
 - Expose growing body of XMSF projects

- Support a distributed developer community
 - Place online for further study, extension





<u>Sessions</u>

- Xj3D for Extensible 3D (X3D) Graphics
- XSBC XML Schema Binary Compression
- AUV Workbench
- NEW Network EducationWare
- XC2I: Visualization
- XC2I: Web Services Interest Management
- XC2I: Role-based Access Control





<u>Xj3D</u>

- Alan Hudson and Justin Couch
 - Yumetech http://www.yumetech.com

- Xj3D Open-Source browser for X3D
 - On X3D SDK, also http://www.xj3d.org





<u>XSBC</u>

- XML Schema-based Binary Compression
- Open Source
 - Alan Hudson, Yumetech
 - Don McGregor and Don Brutzman, NPS
- W3C Binary XML Characterization Working group





<u>AUV Workbench</u>

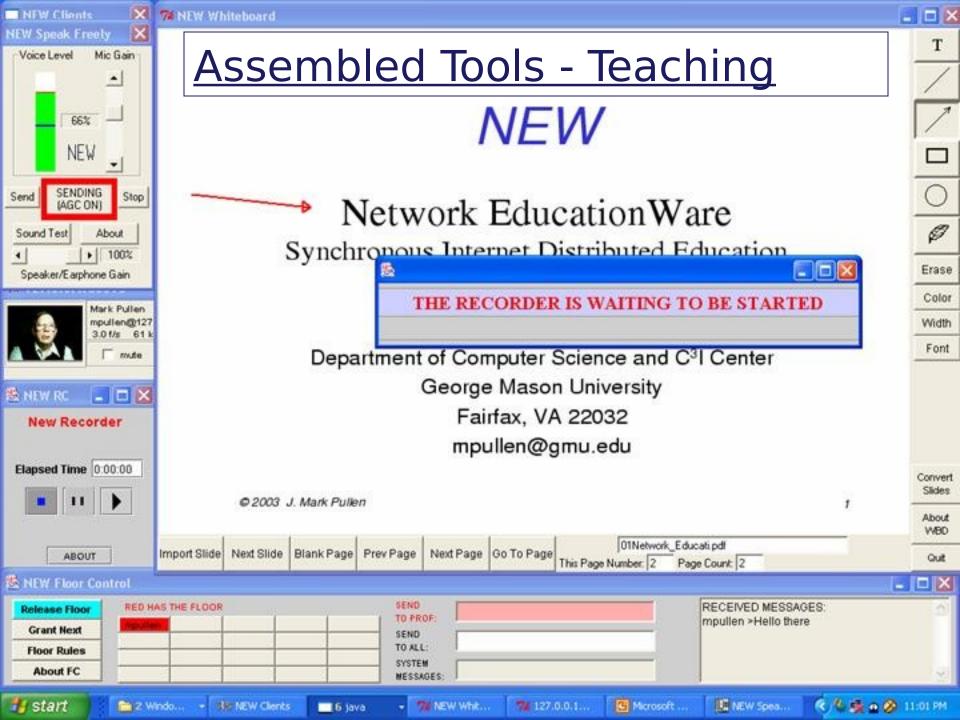
- Open-source tactical exemplar
- 2D, 3D windows
- Robot software, hydrodynamics
- Autonomous Vehicle Command Language
- Sonar visualization
 - Local and supercomputer web services for computation, environmental data





NEW: Network EducationWare

- Dr. J. Mark Pullen, George Mason University (GMU) http://netlab.gmu.edu
- Open-source multimedia software system for internet education and conferencing
- Community infrastructure for XMSF
 - XMSF Presentation ODU VMASC Singapore







XC2I: Experimentation C²

<u>Interface</u>

- Visualization Information Control (VIC)
 Component
 - Dr. Andreas Tolk ODU VMASC
- Web Services Interest Management
 - Dr. Katherine L. Morse SAIC
 - Dr. J. Mark Pullen GMU
- Role-based Access Control
 - Dr. Katherine L. Morse SAIC





Contact

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